



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Elias JONSSON et al.)	Group Art Unit: 2681
Application No.: 10/679,439)	Examiner: Unassigned
Filed: October 7, 2003)	Confirmation No.: 3673
For: FILTERING MULTIPATH)	
PROPAGATION DELAY VALUES FOR)	
USE IN A MOBILE)	
COMMUNICATIONS SYSTEM)	

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

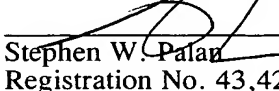
- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

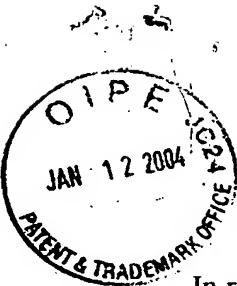
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: January 12, 2004

By: 
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FIRST
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

- U.S. Patent No. 6,510,143 B1, issued to Bejjani et al., January 21, 2003.
- U.S. Patent No. 6,519,276 B1, issued to Kim et al., February 11, 2003.
- U.S. Patent Publication No. 2002/0015399A1, February 7, 2002.
- U.S. Patent Publication No. 2003/0039304A1, February 27, 2003.
- European Patent Publication No. EP 0989685A2, March 29, 2000.
- PCT Patent Publication No. WO00/21201, April 13, 2000.
- English Abstract of Japanese Patent No. 2002198864A, July 12, 2002.

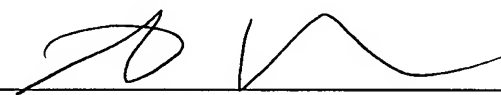
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: January 12, 2004

By: 
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Substitute for forms 1449A/PTO & 1449B/PTO

ATTORNEY'S DKT NO.
040072-239APPLICATION NO.
10/679,439FIRST INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Elias JONSSON et al.FILING DATE
October 7, 2003GROUP
2681

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,510,143 B1		Bejjani et al.	01-21-2003
	6,519,276 B1		Kim et al.	02-11-2003
	2002/0015399A1		Hirade	02-07-2002
	2003/0039304A1		Terao	02-27-2003

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes	No
	EP0989685A2		Europe	03-29-2000		
	WO00/21201		PCT	04-13-2000		
	2002198864A		Japan	07-12-2002	English Abstract	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.